

In the Claims

The following amendments are made with respect to the claims in the International application PCT/GB2004/004740.

This listing of claims will replace all prior versions and listings of claims in this application.

1 (original). A dry powder composition comprising recombinant human alpha 1-antitrypsin (rAAT).

2 (original). The dry powder composition of claim 1, that has not been subjected to viral inactivation.

3 (currently amended). The dry powder composition of claim 1 ~~or claim 2~~, whose protein content is less than 10%, ~~more preferably less than 5%, most preferably less than 1%~~ α 1-antichymotrypsin.

4 (currently amended). The dry powder composition of ~~any preceding claim 1~~, whose protein content is less than 10%, ~~more preferably less than 5%, most preferably less than 1%~~ albumin.

5 (currently amended). The dry powder composition of ~~any preceding claim 1~~, whose protein content is less than 10%, ~~more preferably less than 5%, most preferably less than 1%~~ human protein.

6 (currently amended). The dry powder composition of ~~any preceding claim 1~~, whose protein content is more than 90% rAAT.

7 (original). The dry powder composition of claim 6, whose protein content is more than 95% rAAT.

8 (original). The dry powder composition of claim 6, whose protein content is more than 99% rAAT.

9 (currently amended). The dry powder composition of ~~any preceding claim 1~~, further comprising 1 to 2000 milliequivalents salt per 100 mg of rAAT; ~~more preferably 50-500 milliequivalents, most preferably 100-200 milliequivalents.~~

10 (currently amended). The dry powder composition of ~~any preceding claim 1~~, that is free of sugar.

11 (currently amended) The dry powder composition of ~~any preceding claim 1~~, that contains less than 1% water.

12 (original). The dry powder composition of claim 11, that contains less than 0.5% water.

13 (currently amended). The dry powder composition of ~~any preceding claim 1~~, that retains at least 80% of initial rAAT activity; ~~preferably more than 90%~~, upon storage [[at]] under conditions that are, or are equivalent to, 50°C for 3 months.

14 (currently amended). The dry powder composition of ~~any preceding claim 1~~, that retains at least 80% monomeric rAAT; ~~preferably > 95% monomer~~, upon storage under conditions that are, or are equivalent to, 50°C for 3 months.

15 (currently amended). The dry powder composition of ~~any preceding claim 1~~, further comprising a reducing agent; ~~such as glutathione, cysteine, dithiothreitol or N-acetyl cysteine.~~

16 (currently amended). The dry powder composition of ~~any preceding claim 1~~, further comprising an antioxidant; ~~such as ascorbic acid or L-methionine.~~

17 (currently amended). The dry powder composition of ~~any preceding claim 1~~, further comprising a buffer; ~~such as histidine, phosphate or citrate.~~

18 (currently amended). The dry powder composition of claim 17, wherein the buffer is such that, on reconstitution of the composition in water, the reconstituted solution has a pH of from about 6 to 9, ~~more preferably, 6.5—8, preferably from 6.8—7.0.~~

19 (currently amended). The dry powder composition of ~~any preceding claim 1,~~ further comprising a chelating agent, ~~such as EDTA or citrate.~~

20 (currently amended). The dry powder composition of ~~any preceding claim 1,~~ further comprising a surfactant ~~such as polyoxyethylene sorbitan oleate.~~

21 (currently amended). The dry powder composition of claim 1, that consists essentially only of rAAT and ~~the components defined in claims 9, 15, 16, 17 and 20~~ 1 to 2000 milliequivalents salt per 100 mg of rAAT, a reducing agent, an antioxidant, a buffer and a surfactant.